

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rosen et al.

Attorney Docket No.: PA101

Application Serial No.: Unassigned

Art Unit: Unassigned

Filed: Herewith

Examiner: Unassigned

Title: Nucleic Acids, Proteins and Antibodies

**TRANSMITTAL AND SUBMISSION UNDER
37 C.F.R. §§ 1.824 and 1.52(e)**

Commissioner For Patents
Washington, D.C. 20231

Sir:

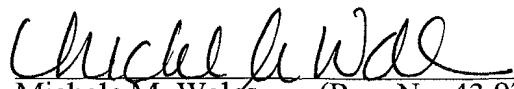
In accordance with 37 C.F.R. §§ 1.821(e) and 1.824, Applicants submit herewith a Sequence Listing satisfying the computer-readable format requirements on a compact disc (CD-R) labeled "CRF." Applicants submit concurrently herewith a Statement Under 37 C.F.R. § 1.821.

Additionally, in accordance with 37 C.F.R. §§ 1.52(e), 1.821, and 1.823, Applicants submit herewith a Sequence Listing as an electronic document on two identical compact discs (CD-Rs). Applicants certify under 37 C.F.R. §1.52(e)(4) that these two compact discs, labeled "Copy 1" and "Copy 2," are identical. These compact discs, formatted for an IBM-PC machine and compatible with the MS-Windows operating system, contain the following file:

1. Name of File: PA101SEQLIST.txt
2. Size: 3,111,160 bytes
3. Date of Creation: August 7, 2001

Respectfully submitted,

Dated: AUG 10, 2001


Michele M. Wales (Reg. No. 43,975)
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Enclosures

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STATEMENT UNDER 37 C.F.R. § 1.821(f)

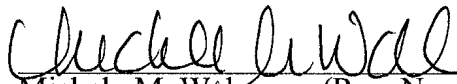
Commissioner For Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.821(f), Applicants hereby certify that the Sequence Listing information recorded in computer readable form and submitted herewith is identical to the written (on compact disc) Sequence Listing submitted herewith.

Respectfully submitted,

Dated: Aug 10, 2001


Michele M. Wales (Reg. No. 43,975)
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